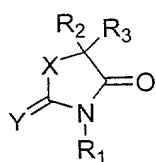
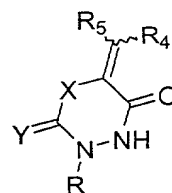
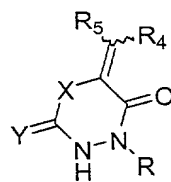
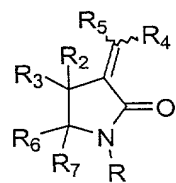
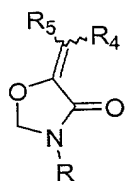
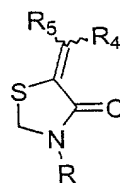
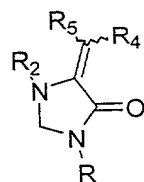
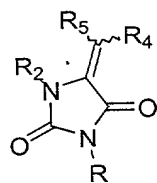
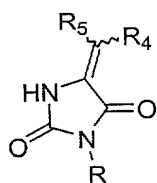
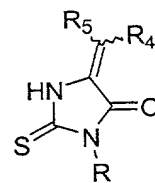
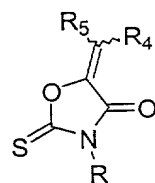
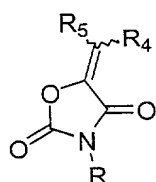
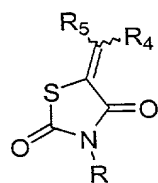
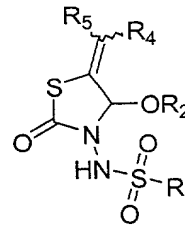
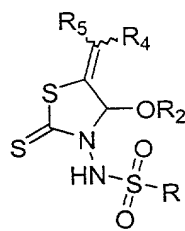
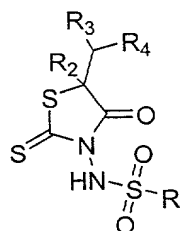


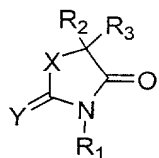
Table 1. Demographic characteristics of the study population	
Age (years)	65.0 ± 1.5
Gender (male/female)	10/10
Education (years)	12.0 ± 1.0
Marital status (married/divorced/widowed)	10/0/0
Occupation (retired/employed)	10/0
Income (USD/month)	1,200.0 ± 200.0
Health status (good/fair/poor)	10/0/0
Smoking status (smoker/non-smoker)	0/10
Alcohol consumption (yes/no)	0/10
Comorbidities (hypertension/diabetes/cholesterol)	5/5/5
Medication (yes/no)	10/0
Follow-up (months)	12.0 ± 1.0
Dropouts (yes/no)	0/10
Lost to follow-up (yes/no)	0/10
Completed study (yes/no)	10/0
Final outcome (survived/died)	10/0



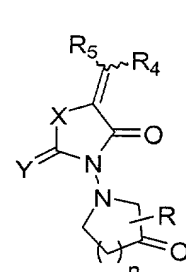
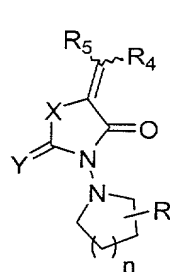
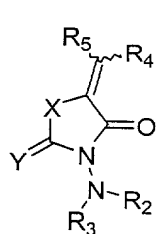
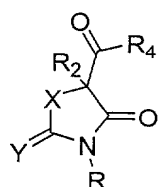
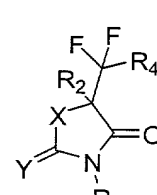
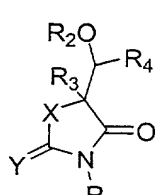
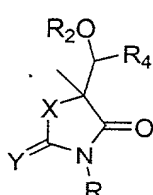
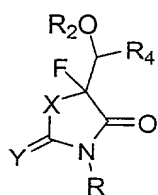
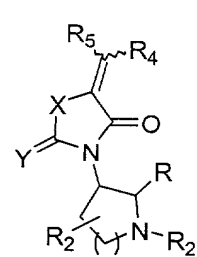
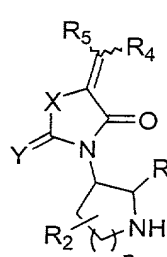
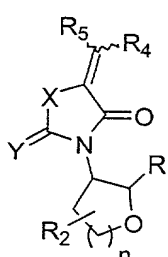
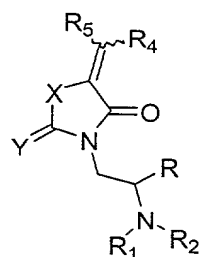
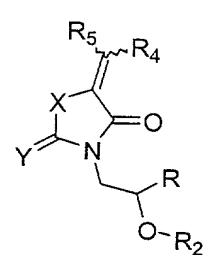
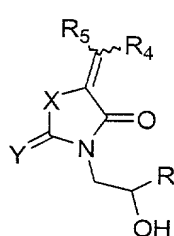
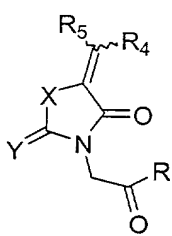
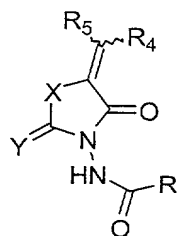
## General structure



—



## General structure



1. $\alpha$ -methylbenzylamine	
Run	Yield (%)
1	85
2	80
3	75
4	70
5	65
6	60
7	55
8	50
9	45
10	40
11	35
12	30
13	25
14	20
15	15
16	10
17	5
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0
32	0
33	0
34	0
35	0
36	0
37	0
38	0
39	0
40	0
41	0
42	0
43	0
44	0
45	0
46	0
47	0
48	0
49	0
50	0
51	0
52	0
53	0
54	0
55	0
56	0
57	0
58	0
59	0
60	0
61	0
62	0
63	0
64	0
65	0
66	0
67	0
68	0
69	0
70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	0
79	0
80	0
81	0
82	0
83	0
84	0
85	0
86	0
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	0
95	0
96	0
97	0
98	0
99	0
100	0

FIGURE 2A



Identifier	NS5b IC <sub>50</sub> (uM)	Benzylidene (R <sub>4</sub> )	Amino substituent (R)	R <sub>5</sub>
9	++			H
10	++			H
11	++			H
12	++			H
2	++			H
13	++			H
14	++			H

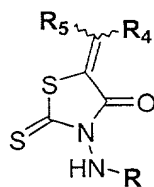
09323270-040304

FIGURE 2B



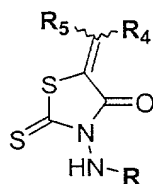
Identifier	NS5b IC <sub>50</sub> (uM)	Benzylidene (R <sub>4</sub> )	Amino substituent (R)	R <sub>5</sub>
15	++			H
16	++			H
17	++			H
18	++			H
19	++			H
20	++			H
21	++			H

FIGURE 2C



Identifier	NS5b IC <sub>50</sub> (uM)	Benzylidene (R <sub>4</sub> )	Amino substituent (R)	R <sub>5</sub>
22	++			H
23	++			H
24	++			H
25	++			H
26	++			H
27	++			H
28	++			H

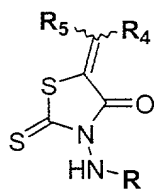
FIGURE 2D



Identifier	NS5b IC <sub>50</sub> (uM)	Benzylidene (R <sub>4</sub> )	Amino substituent (R)	R <sub>5</sub>
29	++			H
30	++			H
8	+			H
31	++			H
32	++			H
33	++			H
34	++			H

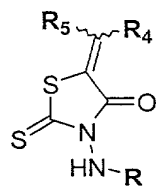
TM5040-0233360

FIGURE 2E



Identifier	NS5b IC <sub>50</sub> (uM)	Benzylidene (R <sub>4</sub> )	Amino substituent (R)	R <sub>5</sub>
35	++			CH <sub>3</sub>
36	++			H
37	++			H
38	++			H
39	++			H
40	++			H
41	++			H

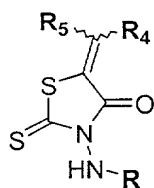
FIGURE 2F



Identifier	NS5b IC <sub>50</sub> (uM)	Benzylidene (R <sub>4</sub> )	Amino substituent (R)	R <sub>5</sub>
42	++			H
43	++			H
44	++			H
45	++			H
46	++			H
47	++			H
48	++			H



FIGURE 2G



Identifier	NS5b IC <sub>50</sub> (uM)	Benzylidene (R <sub>4</sub> )	Amino substituent (R)	R <sub>5</sub>
49	++			H
50	++			H
51	++			H
52	++			H
53	++			H
54	++			H
55	++			H

0936270-040301

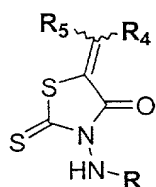
FIGURE 2H



Identifier	NS5b IC <sub>50</sub> (uM)	Benzylidene (R <sub>4</sub> )	Amino substituent (R)	R <sub>5</sub>
56	++			H
57	+			H
58	++			H
59	++			H
60	+			H
61	++			H
62	++			H

098870-040501

FIGURE 2I



Identifier	NS5b IC <sub>50</sub> (uM)	Benzylidene (R <sub>4</sub> )	Amino substituent (R)	R <sub>5</sub>
63	++			H
3	++			H
64	++			H
65	++			H
66	++			H
67	++			H
68	++			H
69	++			H

FIGURE 2J



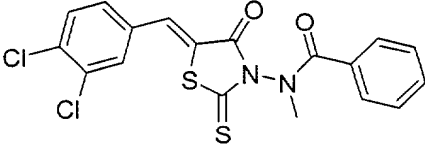
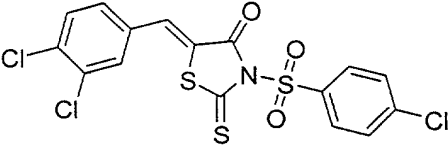
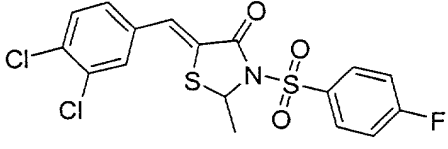
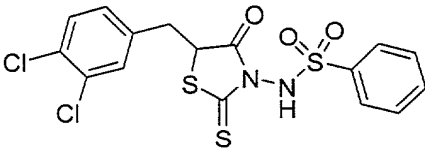
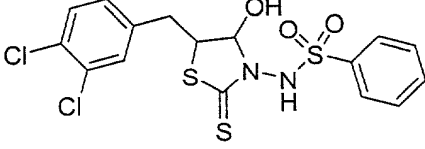
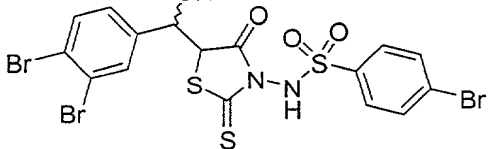
Identifier	NS5b IC <sub>50</sub> (uM)	Benzylidene (R <sub>4</sub> )	Amino substituent (R)	R <sub>5</sub>
70	+			H
71	++			H
72	++			H
73	++			H
74	++			H
75	++			H
76	++			H

FIGURE 2K



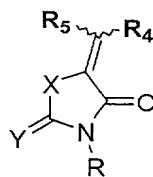
Identifer	NS5b IC <sub>50</sub> (uM)	Benzylidene (R <sub>4</sub> )	Amino substituent (R)	R <sub>5</sub>
77	++			H
78	++			H
79	++			H
80	++			H
81	++			H
82	++			H

FIGURE 2L

Identifier	NS5b IC <sub>50</sub> (uM)	Structure
83	++	
6	++	
7	++	
84	++	
85	++	
86	++	

109838370-0440391

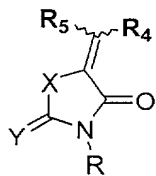
FIGURE 2M



Identifier	NS5b IC <sub>50</sub> (uM)	Benzylidene (R <sub>4</sub> )	R	Y	X	R <sub>5</sub>
87	++		NH <sub>2</sub>	S	S	H
88	++		NH <sub>2</sub>	S	S	H
89	++		NH <sub>2</sub>	S	S	H
1	++		NH <sub>2</sub>	S	S	H
90	+		NH <sub>2</sub>	S	S	H
91	+		NH <sub>2</sub>	S	S	H
92	+		NH <sub>2</sub>	S	S	H

105040-0282850

FIGURE 2N

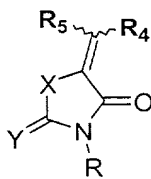


Identifer	NS5b IC <sub>50</sub> (uM)	Benzylidene (R <sub>4</sub> )	R	Y	X	R <sub>5</sub>
93	+		NH <sub>2</sub>	S	S	H
94	++		NH <sub>2</sub>	S	S	H
95	++		H	S	S	H
96	++		H	S	S	H
97	+		H	S	S	H
98	+		H	O	S	H
99	++		CH <sub>3</sub>	S	S	H

T05040-0282850



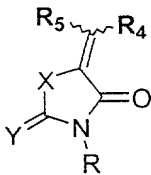
FIGURE 20



Identifier	NS5b IC <sub>50</sub> (uM)	Benzylidene (R <sub>4</sub> )	R	Y	X	R <sub>5</sub>
100	+		CH <sub>3</sub>	S	S	H
101	++		H	S	S	H
102	+		Bn	S	S	H
103	+		Et	S	S	H
104	+		CH <sub>3</sub>	S	S	H
105	+		Bn	S	S	H
106	+		Bn	S	S	H

10336270-1040304

FIGURE 2P



Identifer	NS5b IC <sub>50</sub> (uM)	Benzylidene (R <sub>4</sub> )	R	Y	X	R <sub>5</sub>
107	++		H	S	S	H
108	++		H	S	S	H
109	++		H	S	S	H
110	++		H	S	S	H
111	++		H	S	S	H
112	+		H	S	S	H
113	++		H	S	S	H

T06042-0282850

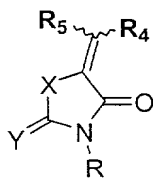
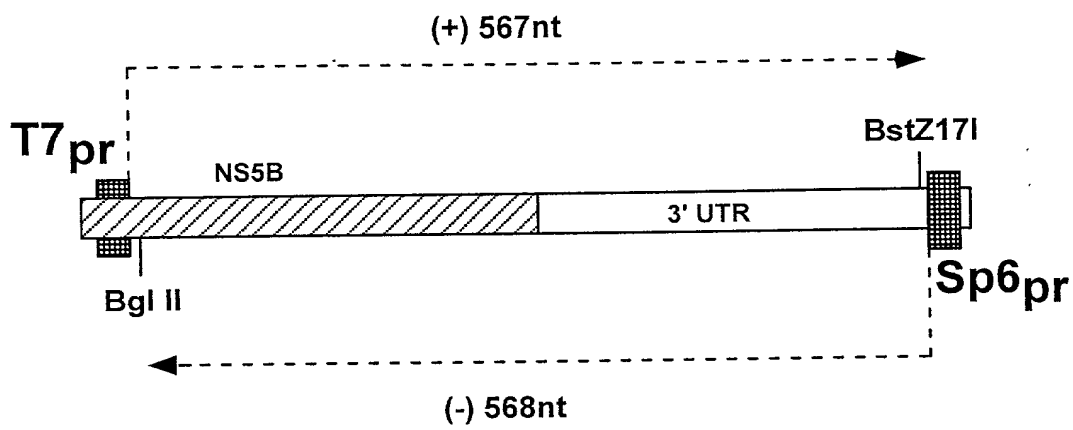


FIGURE 2Q

Identifer	NS5b IC <sub>50</sub> (uM)	Benzylidene (R <sub>4</sub> )	R	Y	X	R <sub>5</sub>
114	++		H	S	S	H
115	++		H	S	S	H
116	++		NH <sub>2</sub>	S	S	H
117	++		NH <sub>2</sub>	S	S	H

FIGURE 2Q

FIGURE 3



096870.040501